

# SPYGLASS DRIVE STORM DRAIN IMPROVEMENTS PROJECT

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City Council

February 26, 2019

**Jimmy Tan, P.E.**

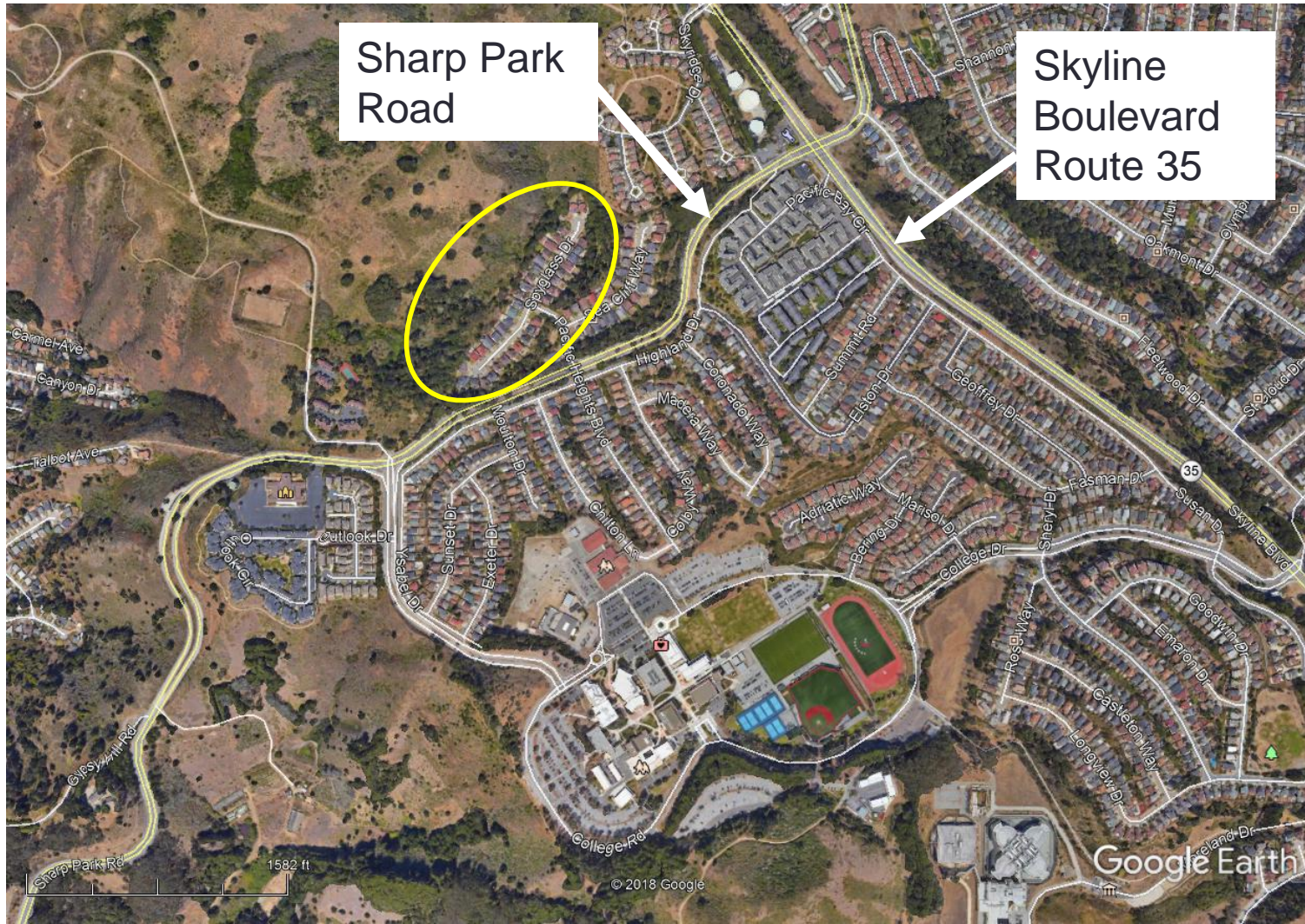
**Public Works Director**



# Agenda

- Background
- Consultant Selection
- Scope of Work, Schedule and Budget
- Alternatives
- Recommendations

# Spyglass Drive Storm Drain Improvements Project





# Spyglass Drive



# Background

- Completed Storm Master Plan in 2014
- Improvement recommendations total approximately \$20 million dollars; however, there are no dedicated funding source to proceed with the improvements
- Spyglass Drive storm system has insufficient pipeline capacity
- Residential properties experienced multiple flooding events that included property damage





# Sandbags Installation



# Spyglass Road Drain Inlet Overflow



# Consultant Selection

- Issued Request for Proposal in December 2018
- Received two proposals
- Evaluated proposals based on criteria:
  - Project understanding
  - Qualifications and experience of project manager and team
  - Qualifications relating to design of storm water conveyance system
  - Manpower labor effort to effectively and efficiently complete the project
  - Experience and completion of similar projects
- Recommending award of design contract to Freyer & Laureta



# Scope of Work and Schedule

- **Scope of Work**

- Site investigations
- Hydraulic modeling and analysis
- Evaluation of alternatives to alleviate flooding
- Evaluation of storm drain alignment alternatives
- Geotechnical investigation
- Potholing, surveying, permitting and CEQA
- Completing detail final design and preparing bid documents
- Providing construction support services

- **Schedule**

- Design Phase: 10 months
- Construction Phase: 10 months

# Alternatives

1. Do not authorize award of this contract and defer the project. The area is prone to flooding and staff will need to continue to setup sandbags on properties annually.
2. Direct staff to choose a different design firm from the submitted proposals.
3. Request staff to issue a new request for proposals.



# Recommendation

- Adopt **Resolution:**
  - Authorizing the City Manager to Execute an Agreement with Freyer & Laureta, Inc. for Design of the Spyglass Drive Storm Drain Improvements Project in an Amount Not to Exceed \$298,600
  - Appropriating \$70,000 from the General Capital Reserve Fund



Questions?